1. State General Education Core
- Communication Foundation: ENC 110
- Mathematical Foundation: MAC1105C, MAC2311C, MGF1106, MGF1107, STA2032
- Science Foundation: CHM 2045C, BSC 2010C

2. General Education Program (36 Hours)
[See COSAS for assistance with GEP planning]
Communication Foundations
- ENC 1101 - Composition I
- ENC 1102 - Composition II
- SPC 1603C - Fundamentals of Technical Presentations
Cultural & Historical Foundations
- Mathematical Foundations
Mathematics
- MAC 2311C - Calculus with Analytic Geometry I
- STA 2023 - Statistical Methods I
Social Foundations
- BSC 2010C - Biology I Credit Hours: 4
- CHM 2045C - Chemistry Fundamentals I

3. University Requirements
- 9 hours of summer enrollment (total) in academic career: ___ of 9
- At least 2.0 needed: ___ UCF GPA ___ Major GPA
- 42 hours 3xxx-4xxx level – 35 Biology requires = 7 hours left (to be satisfied with free electives or minor) ___ of 7

4. Major Requirements
- A minimum of 2.0 in all UCF courses taken in common program prerequisites, Biology core, and upper division restricted electives.
- A minimum of a C (2.0) in all Biology offered Core Classes and Required Electives is required for graduation.
- Exit Exam- to be completed upon completion of Biology core courses
- Departmental Residency Requirement: ___ of 22
  - 22 hours of regularly scheduled upper division courses must be taken in the UCF Biology Department.

5. Biology core courses (21 hours)
- BSC 2010C Gen Biology ___
- BSC 2044 Biochemistry 2 ___
- PCB 3025 Molec Cell Bio ___
- PCB 3044 Ecology ___
- PCB 3063 Genetics ___
- PCB 4683 Evolutionary Biology ___

Note: If all requirements are satisfied on the road map, your major is satisfied. Please consult with COSAS for a final graduation check on all university requirements.

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### Zoology and Pre-Veterinarian Track

Catalog Year: Summer 2021 to Present

#### 5A. Cognate Sciences Core (31-33 hours)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHM 2045C</td>
<td>Chemistry Fundamentals I</td>
</tr>
<tr>
<td>CHM 2046 Chemistry Fundamentals II</td>
<td></td>
</tr>
<tr>
<td>CHM 2046L Chemistry Fundamentals Lab</td>
<td></td>
</tr>
<tr>
<td>CHM 2210</td>
<td>CHM 2205</td>
</tr>
<tr>
<td>CHM 2211</td>
<td>CHM 3120</td>
</tr>
</tbody>
</table>

**Math Placement Test:** MAT1033C, MAC1105C, MAC1114C, MAC 1140C

#### 5B. Lab requirement- Two labs

At least one of these labs must come from section A - Core.

**A - Core:**
- PCB 3044L - Ecology lab
- PCB 3063L - Genetics lab
- MEB 4686L - Evolutionary Biology Lab

**B - Non-Core:** designated with ?

6. 22 hours of restricted electives are required following stipulations: ___ of 22 hours ___ RE GPA

- Courses must be selected from those listed below.
- Include one course exclusively on animals (marked a) and one exclusively on plants (marked p).

#### Required Electives

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCB 4723</td>
<td>Animal Physiology</td>
</tr>
<tr>
<td>MEB 5631</td>
<td>Animal Behavior</td>
</tr>
</tbody>
</table>

**Classes that satisfy the Required Electives cannot duplicate this section. If you take both Required Electives, one will count here.**

#### Restricted Electives

**Electives (choose from the following) (11-12hrs)**
- PCB 4821: Mammalogy
- PCB 4402: Disease Eco & Immunology
- PCB 4575: Wildlife Genetics
- PCB 4723: Animal Physiology
- A. ZOO 4513 Animal Behavior
- A. ENY 4054: General Entomology
- A. PAZ 4234: Zool & Aquan Mgmt
- ZOO 3435: Ichthyology
- ZOO 3713C: Comp Vert Anat
- ZOO 4272: Ornithology
- ZOO 4250C: Invertebrate Biodiversity
- ZOO 4310C: Vet Ecol & Eco
- ZOO 4485C: Sea Turtle Internship
- ZOO 4462C: Herpetology
- ZOO 4480: Mammalogy
- ZOO 4460L: Mammalogy Lab
- ZOO 4630C: Embryology/Develp
- ZOO 4756C: Comp Vert Histology
- ZOO 4910L: Res Exp in Zoo Env

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Additional Biology Electives: (6-8 hours)

- ANZ 3550C: Primateology